

4-2. Maintenance

Maintenance requirements

To ensure safe and economical driving, day-to-day care and regular maintenance is essential. It is the owner's responsibility to perform regular checks.

Lexus recommends the following maintenance:

■ General maintenance

Should be performed on a daily basis. This can be done yourself or by a Lexus dealer.

■ Scheduled maintenance

Should be performed at specified intervals according to the maintenance schedule.

For details about maintenance items and schedules, refer "Warranty and Services Guide/Owner's Manual Supplement/Scheduled Maintenance".

■ Do-it-yourself maintenance

You can perform some maintenance procedures yourself.

Please be aware that do-it-yourself maintenance may affect warranty coverage.

The use of Lexus Repair Manuals is recommended.

For details about warranty coverage, see separate "Owner's Guide", "Warranty and Services Guide", "Owner's Manual Supplement" or "Warranty Booklet".

Service and repairs not covered in this Owner's Manual should be performed by a qualified technician using Lexus service and repair publications.

■ Repair and replacement

It is recommended that genuine Lexus parts be used for repairs to ensure optimum performance. If non-Lexus replacement parts are used or if a repair shop other than a Lexus dealer performs repairs, confirm the warranty coverage.

■ Have inspections and repairs performed by a Lexus dealer whenever possible

- Lexus technicians are well-trained specialists and are kept up to date with the latest service information. They specialize in the operation of all systems on your Lexus.
- Keep a copy of the repair order. It proves that the maintenance that has been performed is under warranty coverage. If any problem should arise while your vehicle is under warranty, your Lexus dealer will promptly take care of it.

⚠ CAUTION

■ Hazardous materials

- Engine exhaust, some of its constituents, and a wide variety of automobile components contain or emit chemicals known to the State of California to cause cancer and birth defects and other reproductive harm. Work in a well ventilated area.
- Oils, fuels and fluids contained in vehicles as well as waste produced by component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Avoid exposure and wash any affected area immediately.
- Battery posts, terminals and related accessories contain lead and lead compounds which are known to cause brain damage. Wash your hands after handling. (→P.237)
- Used engine oil contains chemicals that have caused cancer in laboratory animals. Avoid prolonged and repeated contact. Always protect your skin by washing thoroughly with soap and water.

4-2. Maintenance

General maintenance

Listed below are the general maintenance items that should be performed at the interval specified in the Warranty and Services Guide/Owners Manual Supplement. It is recommended that any problem you notice should be brought to the attention of your Lexus dealer or qualified service shop for advice.

Engine compartment

Items	Check points
Battery	• Maintenance-free. (→P.237)
Brake fluid	• At the correct level? (→P.234)
Engine coolant	• At the correct level? (→P.232)
Engine oil	• At the correct level? (→P.228)
Exhaust system	• No fumes or strange sound?
Power steering fluid	• At the correct level? (→P.236)
Radiator/condenser/ hoses	• Not blocked with foreign matter? (→P.234)
Washer fluid	• Sufficient? (→P.241)

Vehicle interior

Items	Check points
Accelerator pedal	<ul style="list-style-type: none"> • Moves smoothly (without uneven pedal effort or catching)?
Automatic transmission "Park" mechanism	<ul style="list-style-type: none"> • Can hold the vehicle securely on a incline with the shift lever in "P"?
Brakes	<ul style="list-style-type: none"> • Not pull to one side when applied? • Loss of brake effectiveness? • Spongy feeling brake pedal? • Pedal almost touches floor?
Brake pedal	<ul style="list-style-type: none"> • Does it have appropriate clearance and correct amount of free play?
Head restraints	<ul style="list-style-type: none"> • Move smoothly and lock securely?
Indicators/buzzers	<ul style="list-style-type: none"> • Function properly?
Lights	<ul style="list-style-type: none"> • Do all the lights come on? • Headlights aimed correctly? (→P.273)
Parking brake	<ul style="list-style-type: none"> • Moves smoothly? • Can hold the vehicle securely on a incline?
Seats	<ul style="list-style-type: none"> • The seat controls operate properly?
Seat belts	<ul style="list-style-type: none"> • Does the seat belt system operate smoothly? • Are the belts undamaged?
Steering wheel	<ul style="list-style-type: none"> • Moves smoothly? • Has correct free play? • No strange noise?

4-2. Maintenance

Vehicle exterior

Items	Check points
Door/ trunk	<ul style="list-style-type: none">• Do they operate smoothly?• Do the locks work properly?
Engine hood	<ul style="list-style-type: none">• Does the hood latch and lock work properly?
Fluid leaks	<ul style="list-style-type: none">• Are there any leaks when the vehicle is parked?
Tire	<ul style="list-style-type: none">• Is the inflation pressure correct? (→P.251)• Are tire surfaces worn or damaged? (→P.242)• Do the tires need to be rotated according to the maintenance schedule? (→P.242)• Are the wheel lug nuts loose?

CAUTION

If the engine is running

Turn the engine off and ensure that there is adequate ventilation before performing maintenance checks.

4-2. Maintenance

Emission inspection and maintenance (I/M) programs

Some states have vehicle emission inspection programs which include OBD (On-Board Diagnostics) checks.

The OBD system monitors the operation of the emission control system.

■ If the malfunction indicator lamp comes on

The OBD system determines that a problem exists somewhere in the emission control system. Your vehicle may not pass the I/M test and may need to be repaired. Contact your Lexus dealer to service the vehicle.

■ Your vehicle may not pass the I/M test:

- When the battery is disconnected or discharged

Readiness codes that are set during ordinary driving are erased. Also, depending on your driving habits, the readiness codes may not be completely set.

- When the fuel tank cap is loose

The Malfunction indicator lamp comes on as temporary malfunction and your vehicle may not pass the I/M test.

■ When the malfunction indicator lamp goes off after several driving trips

The error code in the OBD system will not be cleared unless the vehicle is driven 40 or more times.

■ If your vehicle does not pass the I/M test

Contact your Lexus dealer to prepare the vehicle for retesting.